

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078642.D
 Acq On : 18 Apr 2015 13:47
 Operator : TP/IZ
 Sample : G1855-07DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16ADL

Quant Time: Apr 20 01:00:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:04:14 2015
 Response via : Initial Calibration

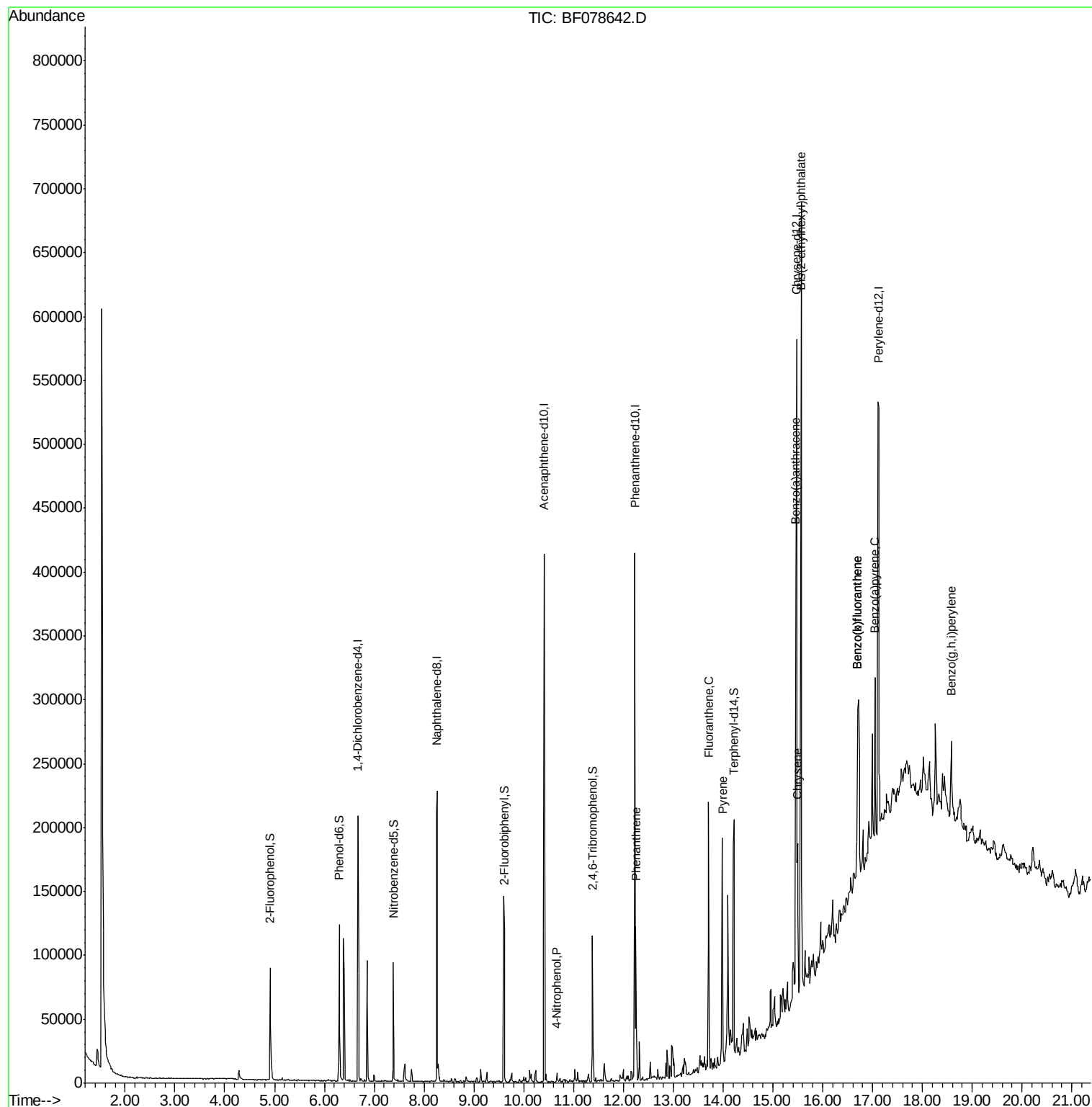
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	36599	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	157891	20.00	ng	0.01
38) Acenaphthene-d10	10.41	164	85751	20.00	ng	0.00
63) Phenanthrene-d10	12.23	188	175795	20.00	ng	0.01
75) Chrysene-d12	15.47	240	198611	20.00	ng	0.01
86) Perylene-d12	17.12	264	195105	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	36871	16.61	ng	0.01
7) Phenol-d6	6.30	99	51238	18.42	ng	0.01
23) Nitrobenzene-d5	7.38	82	31768	12.20	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	13894	19.54	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	68463	11.41	ng	0.01
78) Terphenyl-d14	14.22	244	87380	9.94	ng	0.01
Target Compounds						
55) 4-Nitrophenol	10.66	139	1385	3.97	ng	Qvalue # 18
70) Phenanthrene	12.25	178	51265	5.04	ng	99
74) Fluoranthene	13.71	202	100388	9.36	ng	91
77) Pyrene	13.99	202	90767	7.28	ng	98
80) Benzo(a)anthracene	15.46	228	64695	5.47	ng	97
82) Chrysene	15.50	228	44289	3.99	ng	97
83) Bis(2-ethylhexyl)phthalate	15.57	149	212680	28.54	ng	98
87) Benzo(b)fluoranthene	16.70	252	102283	8.48	ng	# 92
88) Benzo(k)fluoranthene	16.70	252	102748	9.59	ng	97
89) Benzo(a)pyrene	17.05	252	54984	5.22	ng	# 93
91) Benzo(g,h,i)perylene	18.58	276	38353	3.63	ng	99

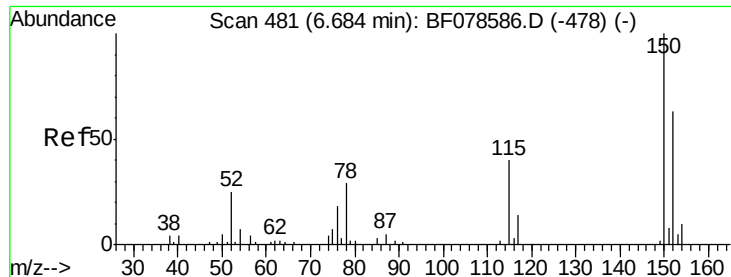
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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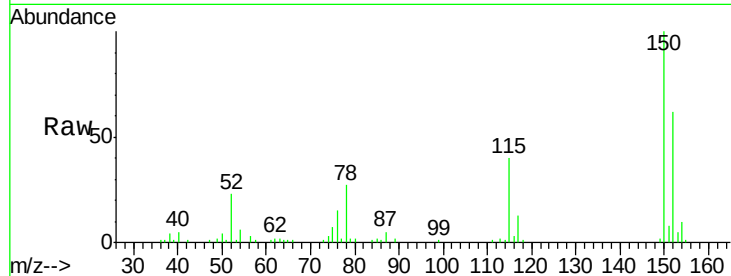


#1

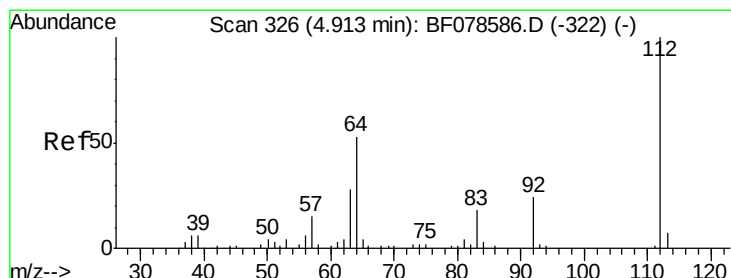
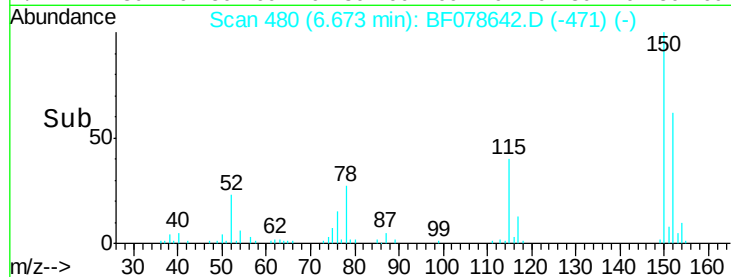
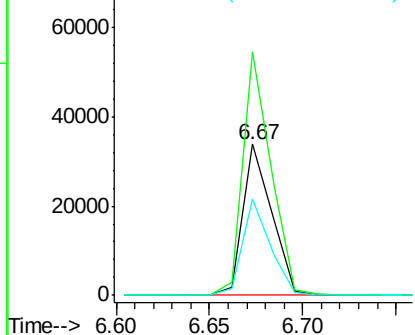
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Instrument :
BNA_F
ClientSampleId :
LS-SB16ADL

Tgt Ion:152 Resp: 36599
Ion Ratio Lower Upper
152 100
150 160.9 125.9 188.9
115 63.9 52.7 79.1



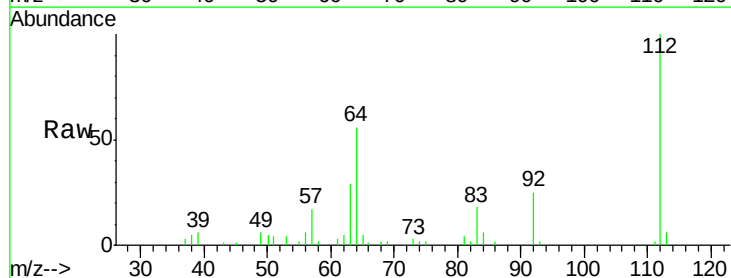
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



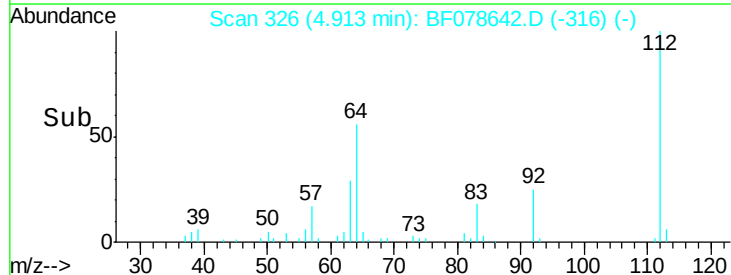
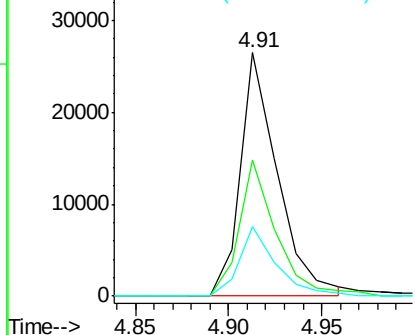
#5

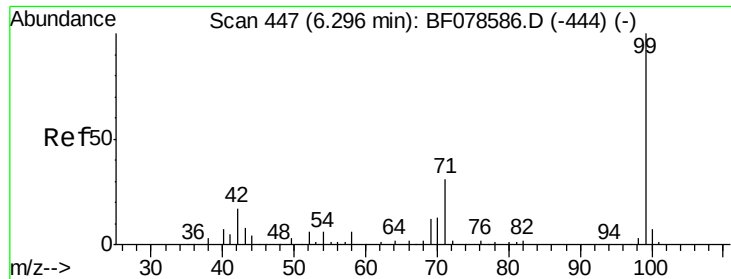
2-Fluorophenol
Concen: 16.61 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Tgt Ion:112 Resp: 36871
Ion Ratio Lower Upper
112 100
64 56.1 39.9 59.9
63 28.6 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.42 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Instrument :

BNA_F

ClientSampleId :

LS-SB16ADL

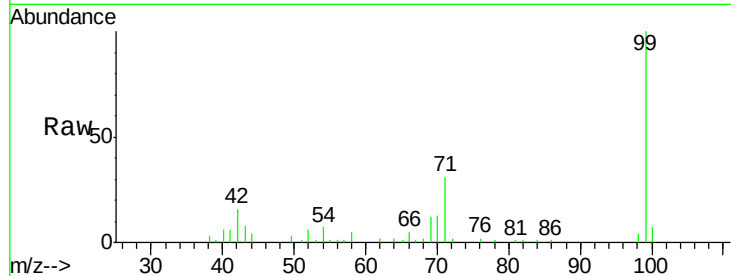
Tgt Ion: 99 Resp: 51238

Ion Ratio Lower Upper

99 100

42 16.3 14.8 22.2

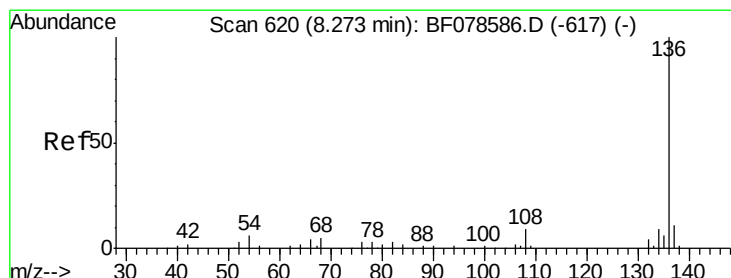
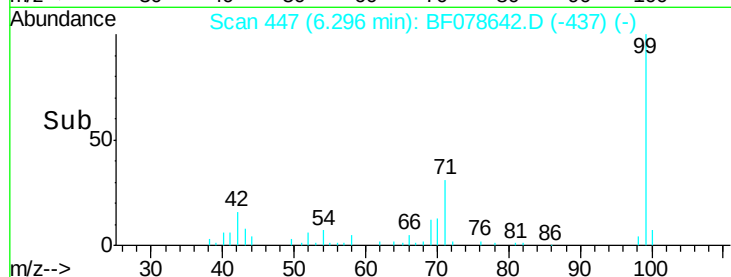
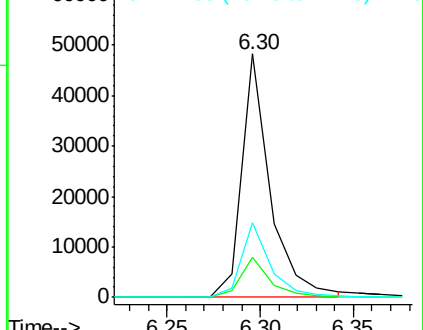
71 30.8 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Tgt Ion: 136 Resp: 157891

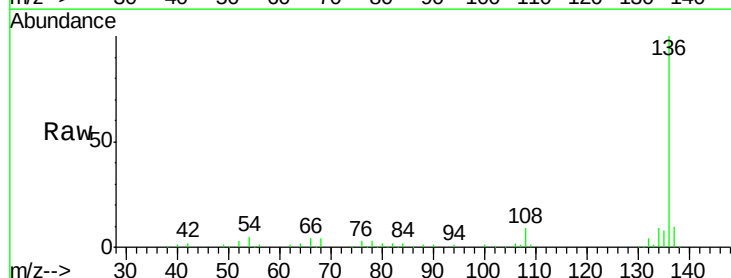
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 5.3 7.0 10.6#

68 4.2 5.4 8.2#

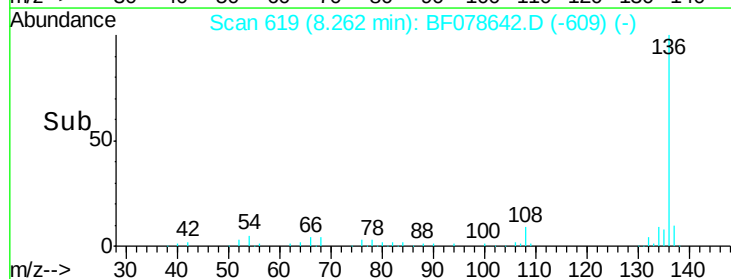
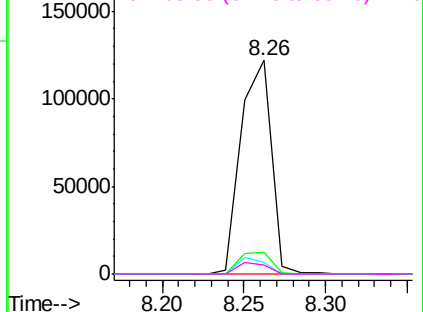


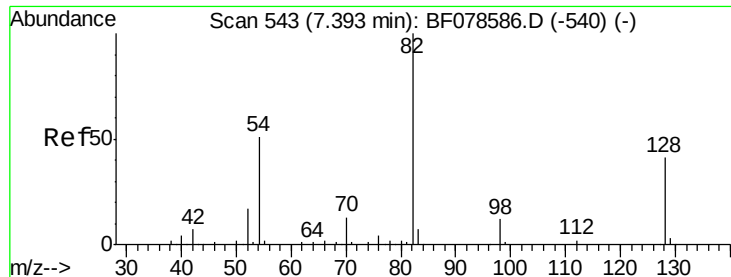
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 12.20 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Instrument :

BNA_F

ClientSampleId :

LS-SB16ADL

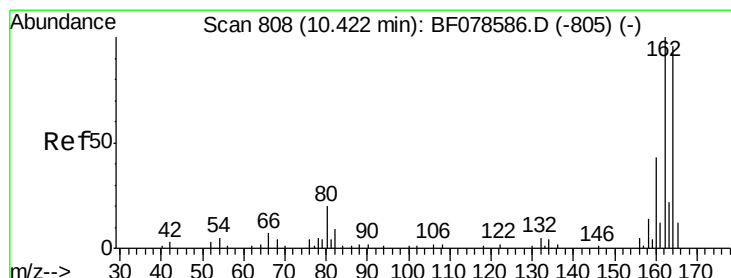
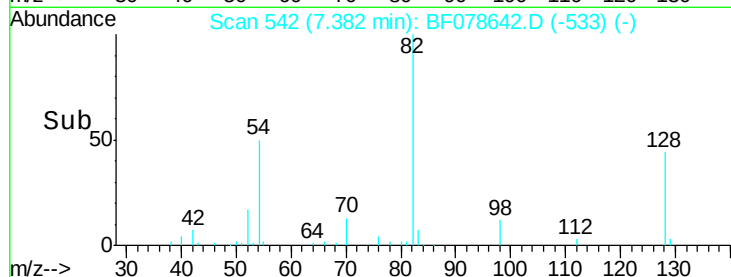
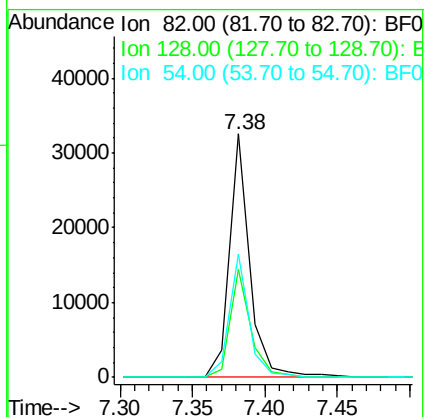
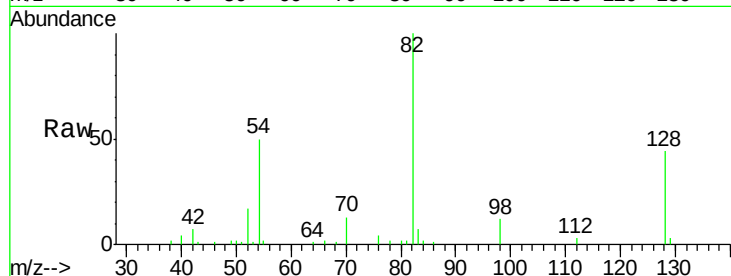
Tgt Ion: 82 Resp: 31768

Ion Ratio Lower Upper

82 100

128 44.5 31.8 47.8

54 50.4 41.5 62.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.41 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

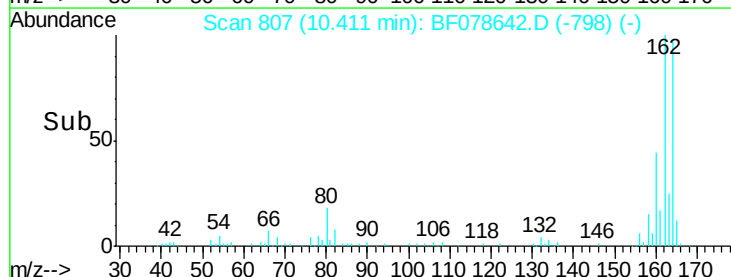
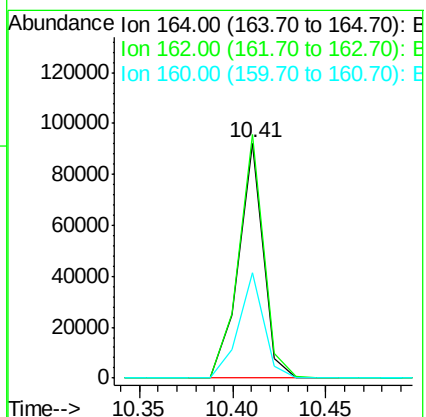
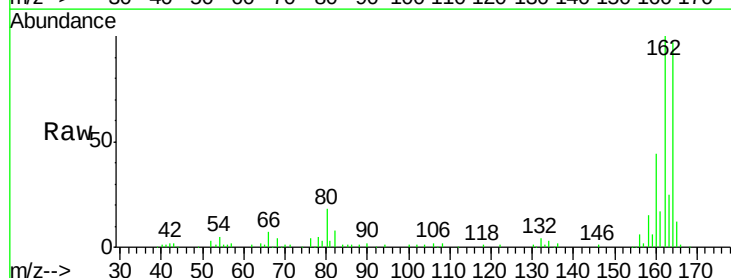
Tgt Ion: 164 Resp: 85751

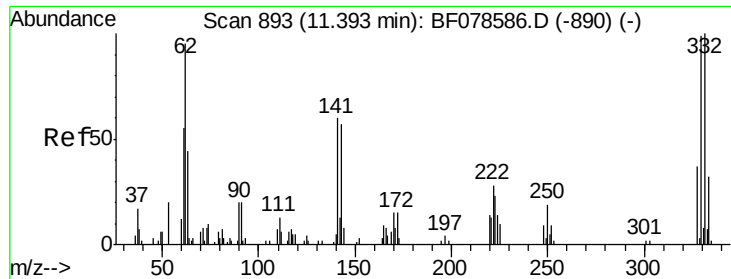
Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.2

160 45.1 34.7 52.1

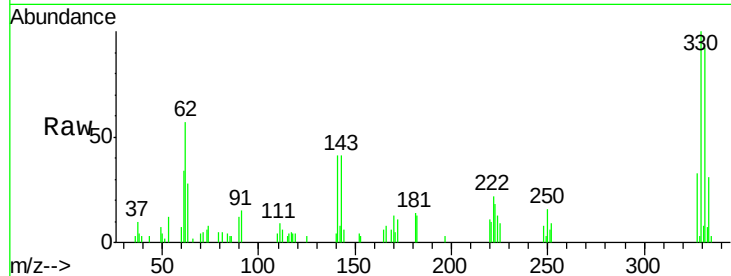




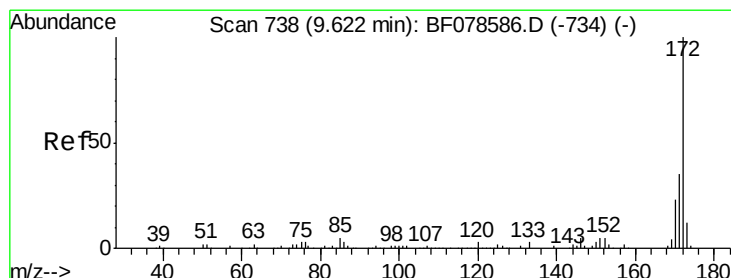
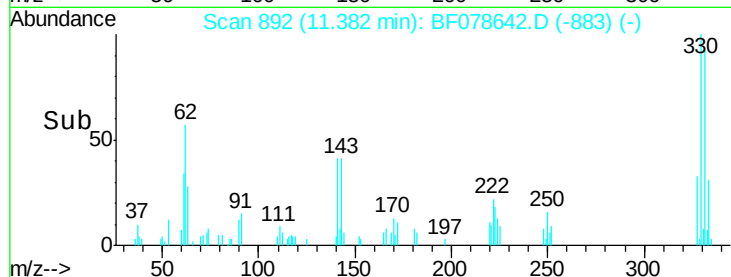
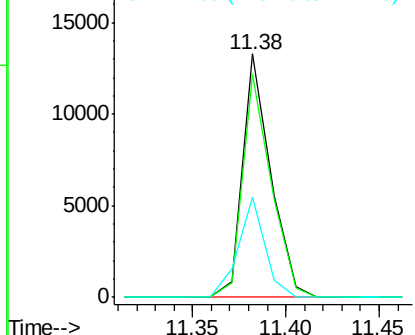
#41
 2,4,6-Tribromophenol
 Concen: 19.54 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078642.D
 Acq: 18 Apr 2015 13:47

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16ADL

Tgt Ion:330 Resp: 13894
 Ion Ratio Lower Upper
 330 100
 332 92.9 78.6 117.8
 141 39.3 31.2 46.8

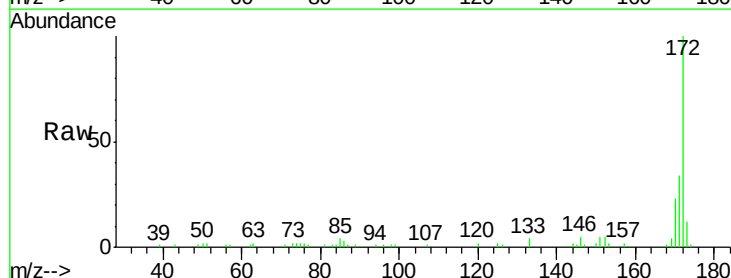


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

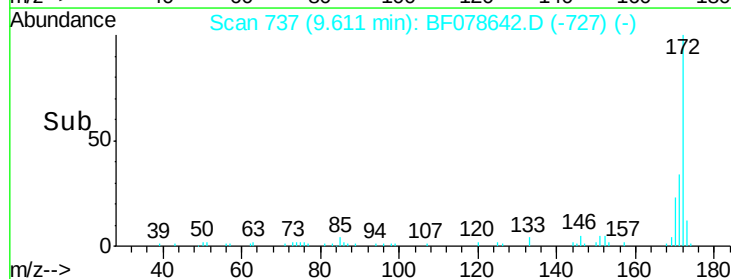
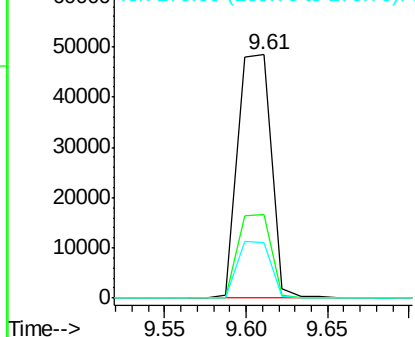


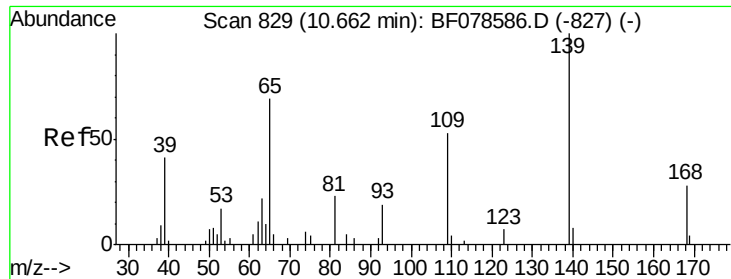
#44
 2-Fluorobiphenyl
 Concen: 11.41 ng
 RT: 9.61 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF078642.D
 Acq: 18 Apr 2015 13:47

Tgt Ion:172 Resp: 68463
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 42.8
 170 22.8 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

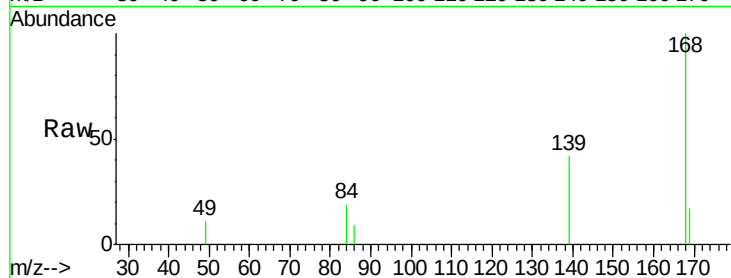




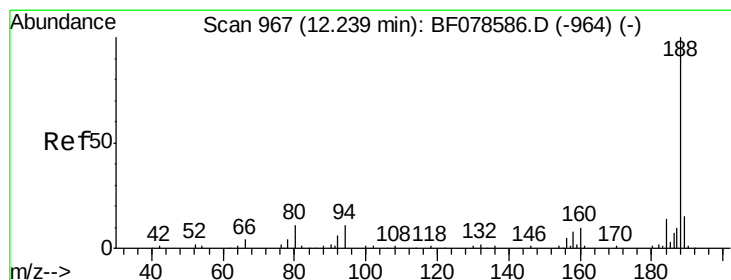
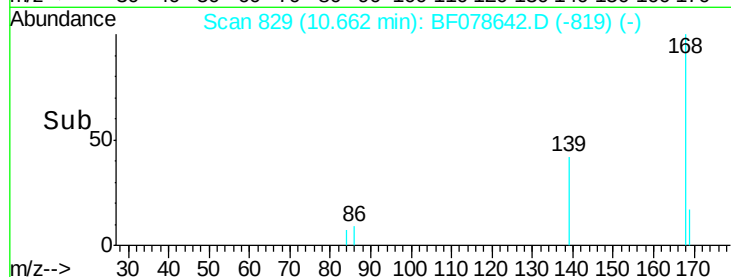
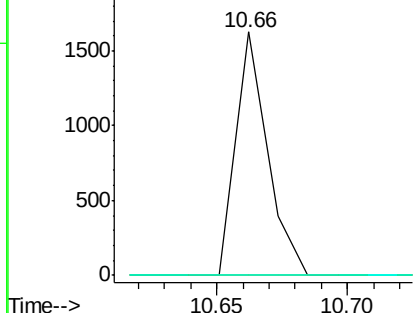
#55
 4-Nitrophenol
 Concen: 3.97 ng
 RT: 10.66 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF078642.D
 Acq: 18 Apr 2015 13:47

Instrument :
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Tgt Ion:139 Resp: 1385
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.7 76.7#
 65 0.0 49.9 89.9#

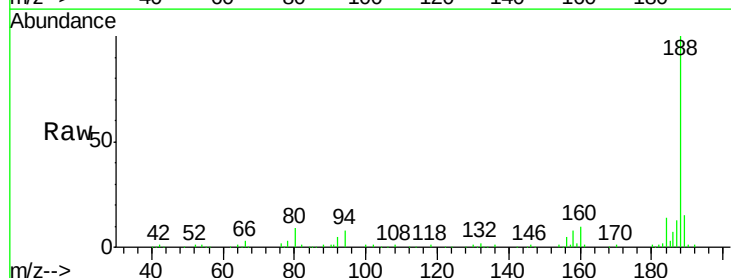


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF078642.D
 Acq: 18 Apr 2015 13:47

Tgt Ion:188 Resp: 175795
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.0 13.4#
 80 8.5 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

